Rogue™ Player Software

User Guide

Document Part Number 700-0065 R001

Seon Design® Inc.

Seon Design Inc. is a specialist in the design and manufacture of video surveillance systems for mobile applications. Seon has been the preferred solutions provider for the pupil transportation industry since 1999. Today, we are proud that our success in this area has made us the leading manufacturer of mobile video surveillance systems in North America.

Contact Information

Seon Design Inc.
Unit 111, 3B Burbidge Street
Coquitlam, BC
Canada V3K 7B2

Telephone	604.941.0880
Toll Free Telephone	1.877.630.7366
Fax	604.941.0870
Toll Free Fax	1.866.664.3677
Email	sales@seon.com
Web site	www.seon.com

Seon Design Inc. Trademarks

Seon Design Inc. holds the following trademarks:

Rogue™ is a registered trademark of Seon Design Inc.
“Seon Design” is a registered trademark of Seon Design Inc.
The Seon logo (SEON) is a registered trademark of Seon Design Inc.

In this User Manual there are references to trademarks, registered trademarks, and product names not owned by Seon Design Inc. that are the property of their respective owners. They are used in this User Manual for identification purposes only.

User Manual Revision

This is the February 2009 revision for this User Manual and is copyright, February 2009 of Seon Design Inc. All rights reserved.

Exclusion of Liability

SEON DESIGN INC.:

(a) MAKES NO REPRESENTATION, WARRANTY, GUARANTEE OR COVENANT, EXPRESS OR IMPLIED, AS TO THE ACCURACY, SUFFICIENCY OR SUITABILITY OF ANY TECHNICAL OR OTHER INFORMATION PROVIDED IN THIS USER MANUAL OR ANY OTHER USER OR OTHER MANUAL OR OTHER DOCUMENTATION PROVIDED BY SEON DESIGN INC. WITH RESPECT TO THE PRODUCT(S) DESCRIBED HEREIN, INCLUDING WITHOUT LIMITATION ANY DESCRIPTION OF GOODS OR SERVICES, SPECIFICATIONS, MODELS, DRAWINGS, OR DIAGRAMS.

(b) DOES NOT ASSUME AND SHALL NOT BE SUBJECT TO AND DISCLAIMS ANY AND ALL RESPONSIBILITY AND/OR LIABILITY FOR LOSSES, DAMAGES, COSTS OR EXPENSES ARISING OUT OF BREACH OF CONTRACT OR OF WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHERWISE, WHETHER SPECIAL, DIRECT, INDIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL OR CONTINGENT, WHICH MIGHT ARISE OUT OF THE USE OF SUCH INFORMATION. THE USE OF ANY SUCH INFORMATION WILL BE ENTIRELY AT THE USER’S RISK; AND

(c) EXPRESSLY DISCLOSES THAT IF THIS MANUAL IS WRITTEN IN ANY LANGUAGE OTHER THAN ENGLISH, THAT ALTHOUGH SEON DESIGN INC. HAS USED REASONABLE CARE TO MAINTAIN THE ACCURACY OF THE TRANSLATION FROM THE ENGLISH LANGUAGE, THE ACCURACY OF SUCH TRANSLATION IS NOT GUARANTEED OR WARRANTED BY SEON DESIGN INC. PLEASE REFER TO THE ENGLISH LANGUAGE VERSION OF THIS USER MANUAL FOR APPROVED SEON CONTENT. THE ENGLISH LANGUAGE VERSION IS AVAILABLE UPON REQUEST FROM THE SEON CUSTOMER SERVICE DEPARTMENT.

Please refer to the Seon Design Inc. Product Warranty applicable to the Product(s) described in this User Manual which exclusively sets forth Seon Design Inc.’s entire liability arising from or in connection with such product(s) and their use and the exclusive remedies available for purchasers and users thereof.

Document Part Number

This User Manual is valid for Seon Design Inc. Document Part Number 700-0065

PRINTED IN CANADA

Who This Guide is For

The *User Guide* is intended for anyone who needs to install and use the Rogue™ Player Software to manage video files.

Conventions Used

CAUTION

Cautions identify conditions or practices that could result in damage to the unit or other equipment.

Important: These notes provide important tips, which are not as serious as a Caution.

Abbreviations and Acronyms

Acronym	Definition
DVR	Digital video recorder
FPS	Frames per second
GPS	Global Positioning System
HD	Hard drive
IPS	Images per second
IR	Infrared
RA	Return Authorization
USB	Universal Serial Bus

Related Documentation

Rogue™ Mobile Digital Video Recording System Installation and User Guide, Document part number 700-0066

Finding Information Online

You can find more information about Seon Design Inc. as well as its products and services at **www.seon.com**.

Contents

Chapter 1 Introduction

1.1. Rogue™ Player Software - - -

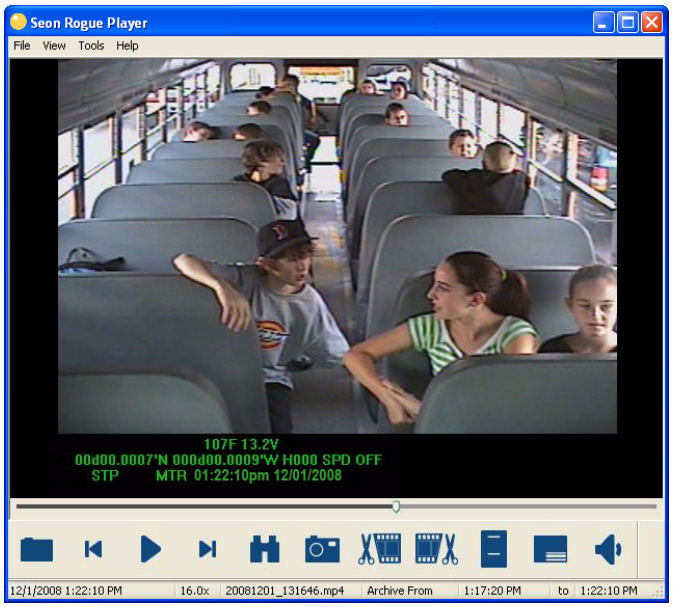
CHAPTER 1

Introduction

This chapter describes the software features of the Rogue™ Player Software.

1.1. Rogue™ Player Software

The Rogue Player software is for use with the Rogue Mobile DVR system. The software lets you play back and archive video from the different types of supported media cartridges.



The software features include:

- User-friendly graphical user interface (GUI)
- Playback features
  - Change the playback speed from 1× to 2×, 4×, 8×, 16×, and 32×.
  - Play back video forward or backward.
  - Step forward or backward by one or more images.
  - Move the slider to quickly move forward or backward in the video clip.
  - Show/hide video text displaying temperature, system voltage, GPS data (if recorded), speed, time, and date.
- Search by Playlist or Event List
- Archive video as an AVI file and individual images to .jpeg or .bmp

CHAPTER 2

Installation and Setup

This chapter describes how to:

- Install the Rogue Player software.
- Connect the media cartridge to a computer.

2.1. System Requirements

To use the Rogue Player software, you will need a computer with the following minimum system requirements:

Table 2-1 Minimum System Requirements

Computer/Processor	• 2 GHz or higher speed processor • 1024 × 768 monitor resolution • Sound card and speakers
Operating systems	Windows XP with Service Pack 2 or higher or Windows Vista™
Memory	1 GB of RAM
Disk space	10 MB of available hard-disk space
Drive	CD
Interface	USB 2.0 high speed port (a second USB port may be required)
Other requirements	Adobe® Acrobat® Reader to view the *Rogue Player Software User Guide*

2.2. Installing the Rogue Player Software

To install the Rogue Player software on your computer:

1. Close all programs running on your computer.
2. Insert the Rogue Player software CD into your CD-ROM drive.

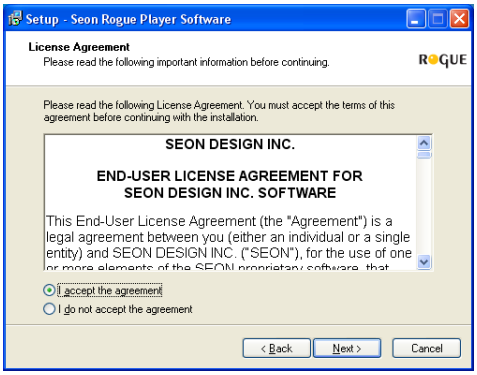
   The autorun.exe program should launch automatically on your computer.
3. OR if the installer does not launch automatically, run the program called **CDAuto.exe** from your CD. Click on My Computer on your desktop, and click on the CD drive. Double click on the **CDAuto.exe** program.

   The Welcome to the Rogue Player Software Setup Wizard appears.

Setup - Seon Rogue Player Software
Welcome to the Seon Rogue Player Software Setup Wizard
This will install Seon Rogue Player 1.0.0.1071 on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

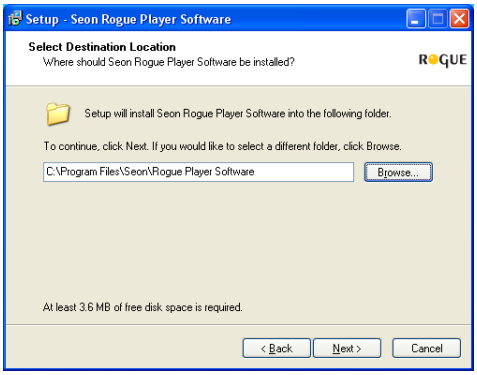
4. Click **Next**.

   The License Agreement window appears.


Setup - Seon Rogue Player Software
License Agreement
Please read the following important information before continuing.
ROGUE
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
SEON DESIGN INC.
END-USER LICENSE AGREEMENT FOR SEON DESIGN INC. SOFTWARE
This End-User License Agreement (the "Agreement") is a legal agreement between you (either an individual or a single entity) and SEON DESIGN INC. ("SEON"), for the use of one
I accept the agreement
I do not accept the agreement
< Back
Next >
Cancel

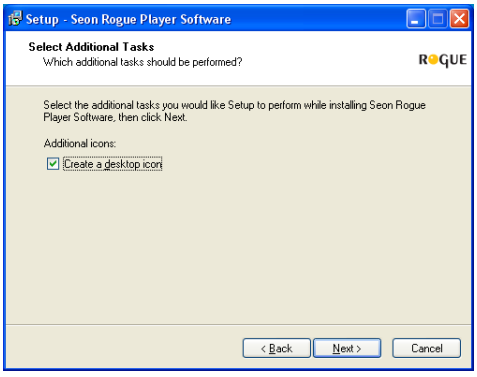
5. Click on **I accept the agreement** to continue. Click **Next**.

   The Select Destination Location window appears.


Setup - Seon Rogue Player Software
Select Destination Location
Where should Seon Rogue Player Software be installed?
ROGUE
Setup will install Seon Rogue Player Software into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\Seon\Rogue Player Software
Browse...
At least 3.6 MB of free disk space is required.
< Back
Next >
Cancel

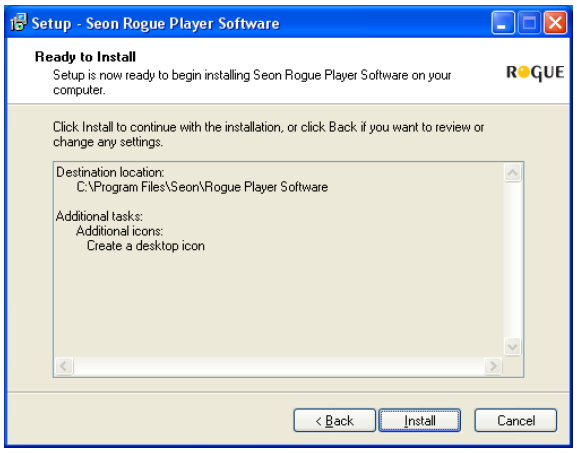
6. Verify the settings. Click **Next**.

   The Select Additional Task window appears with the **Create a desktop icon** check box selected (recommended).


Setup - Seon Rogue Player Software
Select Additional Tasks
Which additional tasks should be performed?
ROGUE
Select the additional tasks you would like Setup to perform while installing Seon Rogue Player Software, then click Next.
Additional icons:
Create a desktop icon
< Back
Next >
Cancel

7. Click **Next**.

   The Ready to Install window appears.


Setup - Seon Rogue Player Software
Ready to Install
Setup is now ready to begin installing Seon Rogue Player Software on your computer.
ROGUE
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
C:\Program Files\Seon\Rogue Player Software
Additional tasks:
Additional icons:
Create a desktop icon
< Back
Install
Cancel

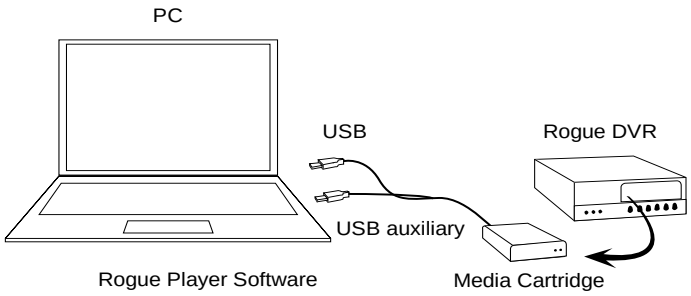
8. Verify the settings, and click **Install**.

   The Rogue Player software installs on your computer.

2.3. Connecting the Media Cartridge to a Computer

To connect the media cartridge to a computer:

1. Connect the media cartridge from the Rogue Mobile DVR to a USB 2.0 port on the computer using the supplied USB cable.
2. Connect the black USB into the high speed port.
3. Connect the red USB auxiliary power into a second USB port.
4. Wait for the computer to connect a USB connection.



CHAPTER 3

Managing Video Files

This chapter describes how to use the Rogue Player software to:

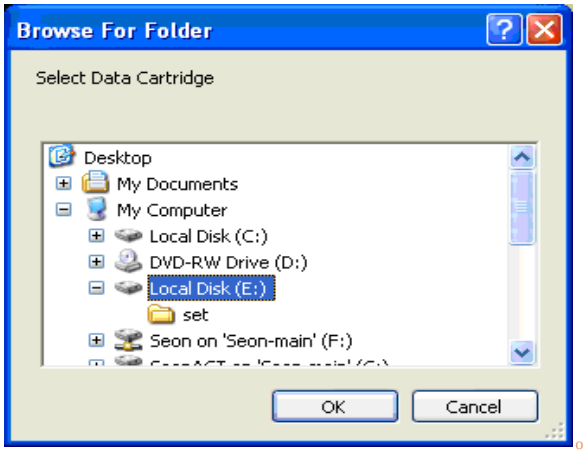
- Play back video.
- Save a still image as a .jpg or .bmp.
- Archive video footage as an AVI file.

3.1. Starting the Rogue Player Software

To start the Rogue Player software:

1. Double click the Rogue Player icon

on your computer's desktop.
The Rogue Player window appears.
2. On the **File** menu, click **Open Cartridge** (Ctrl + O), or click on the open folder icon .
3. Browse your computer's local disk to select the media cartridge.
If the media cartridge contains any data, the set folder appears.



4. Select Local Disk (E in this case) and click **OK**.
The files on the cartridge are opened and the Rogue Player window appears.

3.1.1. Using the Rogue Player Window

The Rogue Player software has the following features for playing back and archiving video.

Features	Description
Menu bar	Contains the following commands: • File: Open Cartridge, Close Cartridge, Open File, Close File (see page 3–6) • View: Log, Playlist, Event List (see page 3–8) • Tools > Options > Fit Image to Window, Configure Metadata • Help > About Rogue Player (see page 3–12)
Title bar	Right-click to display window control options.
Video display area	Resize by dragging on the window corner.
Slider	Move the slider to quickly move forward or backward in the video clip.

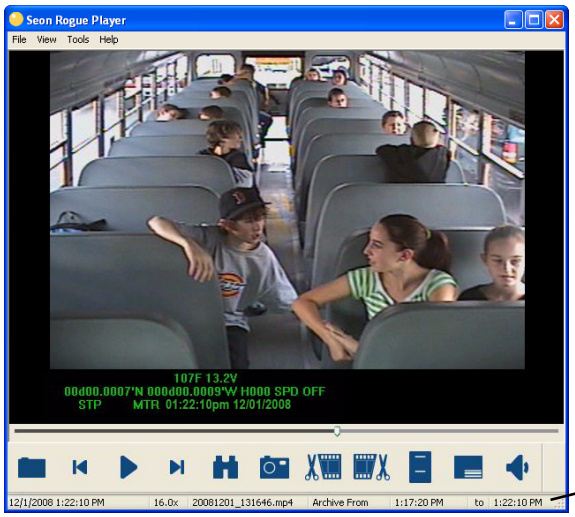
3.1.1.1. Tool Bar

The icons in the tool bar provides the following features:

Tools Bar Icon		Description
	Open Cartridge Close Cartridge	• Click to browse the folders on your computer to select the media cartridge. • Click to close the media cartridge.
	Reverse Frame Slower speed	• Click to reverse during playback or with playback paused. Each click reverses the video by one frame. • Click to speed down/reverse during playback.
	Play Pause	• Click to start playback. • Click again to pause playback.
	Forward Faster Speed	• Click to fast forward during playback, or with playback paused, each click on Forward advances the video by one frame. • Click while paused to play frame by frame at 2×, 4×, 8×, 16×, 32×.
	Play by Time	Click with the playback paused. A Play by Time menu appears. Select the start date and start time, and end date and end time. (See “Search by Time and Date” on page 3–9.)
	Capture Still Image	Click to display a menu. Save the still image as a .jpg or .bmp to your computer. (See “Saving a Still Image” on page 3–12.)
	Set Archive Start	Click to set the start point of the archive video clip.
	Set Archive End	Click to set the end point of the archive video clip.
	Archive	Click to archive a video clip as an AVI file on your computer. (See page 3–10.)
	Metadata	Click to turn on text overlay: temperature, system voltage, GPS data (if recorded), speed, and date and time.
	Volume Control	Click to display the dialog window to adjust the volume.

3.1.1.2. Status Bar

The status bar displays playback information on the video file.



Status Bar Features	Description
Playback counter	Indicates the position of the video playback.
Playback speed	Shows the currently configured playback speed.
Playback file name	Indicates the name of the file that is being played back.
Archive range	Indicates the start and end points of the archive footage in 00:00 to 00:00 format.

3.1.2. Viewing the Video Files

The Rogue Player software lets you view files from the Rogue Mobile DVR. The files are stored on a media cartridge or archived on your computer's local disk.

3.1.3. Opening and Closing a Video File

To open a video file from a media cartridge or hard disk:

1. On the **File** menu, click **Open File** and browse for a media file (.mp4 file name) from the media cartridge or hard disk.
2. Click **Open**.

To close a video file:

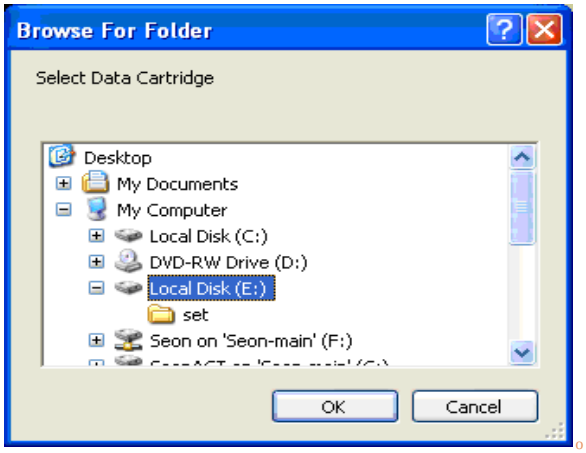
1. On the **File** menu, click **Close File**.

3.1.4. Opening and Closing a Media Cartridge

To open a media storage:

1. On the **File** menu, click **Open Cartridge** (Ctrl + O), or click on the icon, and browse for a folder.
2. Browse your computer's local disk to select the media cartridge.

   If the media cartridge contains any data, the set folder appears.



3. Select Local Disk (E in this case) and click **OK**.

   The files on the cartridge are opened and the Rogue Player window appears.

To close a media storage:

1. On the **File** menu, click **Close Cartridge** (Ctrl + C), or click on the icon.

3.2. Searching for a Video File

To search for a video file, click on the **View** menu to view the application log, search by Playlist or Event List.

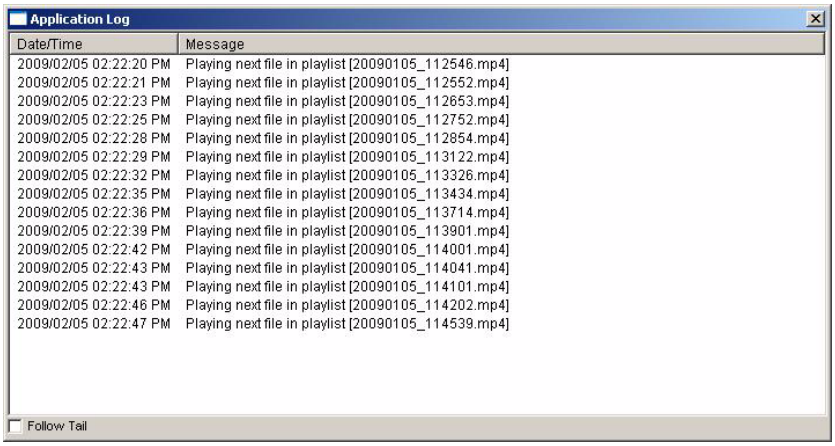
3.2.1. Viewing the Log

The application log contains the log file entries for events that occurred while the Rogue Player Software was running. Each entry in the log file includes the date/time that the entry was generated and a diagnostic message. The log lists the diagnostic messages in chronological order from the earliest file to the most recent file.

To view the log:

1. Click on the **View** menu and click on log.

   The Application Log appears.


Application Log
Date/Time
Message
2009/02/05 02:22:20 PM Playing next file in playlist [20090105_112546.mp4]
2009/02/05 02:22:21 PM Playing next file in playlist [20090105_112552.mp4]
2009/02/05 02:22:23 PM Playing next file in playlist [20090105_112653.mp4]
2009/02/05 02:22:25 PM Playing next file in playlist [20090105_112752.mp4]
2009/02/05 02:22:28 PM Playing next file in playlist [20090105_112854.mp4]
2009/02/05 02:22:29 PM Playing next file in playlist [20090105_113122.mp4]
2009/02/05 02:22:32 PM Playing next file in playlist [20090105_113326.mp4]
2009/02/05 02:22:35 PM Playing next file in playlist [20090105_113434.mp4]
2009/02/05 02:22:36 PM Playing next file in playlist [20090105_113714.mp4]
2009/02/05 02:22:39 PM Playing next file in playlist [20090105_113901.mp4]
2009/02/05 02:22:42 PM Playing next file in playlist [20090105_114001.mp4]
2009/02/05 02:22:43 PM Playing next file in playlist [20090105_114041.mp4]
2009/02/05 02:22:43 PM Playing next file in playlist [20090105_114101.mp4]
2009/02/05 02:22:46 PM Playing next file in playlist [20090105_114202.mp4]
2009/02/05 02:22:47 PM Playing next file in playlist [20090105_114539.mp4]
Follow Tail

2. Scroll the list to view the diagnostic messages.

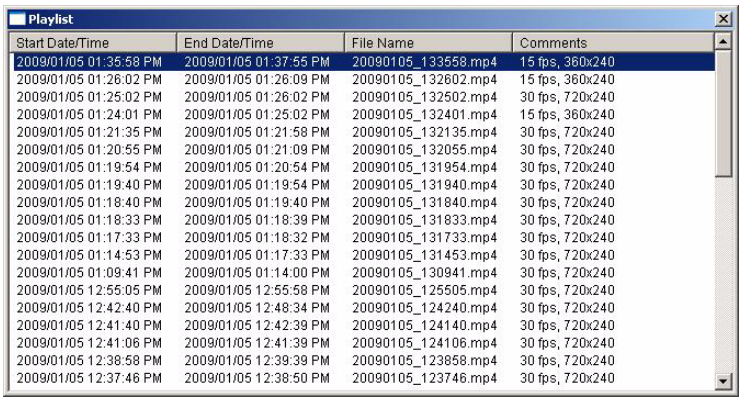
3.2.2. Search by Playlist

The playlist items are identified by Start Date/Time and End Date/Time, File Name, and Comments which identifies the frames per second (FPS) and resolution setting. The playlist lists the MPEG-4 data files in chronological order from the earliest file to the most recent file.

Quick Tip Click on View menu>Playlist or Ctrl + P.

1. Click on the **View** menu and click on Playlist.

   The Playlist appears.



2. Click on the desired file, and click on ▶ to start playback of the video clip.

   The playlist will play back as a single continuous stream of video.

3. Click on ▶| to speed the play forward from 1× to 2×, 4×, 8×, 16×, 32× the normal speed. Click on |◀ to decrease the speed.

   The playback speed is shown in the status bar.

To play back video one frame at a time:

1. Click to pause the video.
2. With playback paused, each time you click on , the video advances by one frame.

To reverse playback of recorded video from the event list:

1. Click on the desired file, and click on to start playback of the video clip.
2. Click on to start reverse playback.
3. Click on to speed up the reverse playback from 1× to 2×, 4×, 8×, 16×, 32× the normal speed.

   The playback speed is shown in the status bar.

To reverse playback video one frame at a time:

1. Click on to pause the video.
2. With playback paused, every time you click on , the video reverses by one frame.

3.2.3. Search by Event

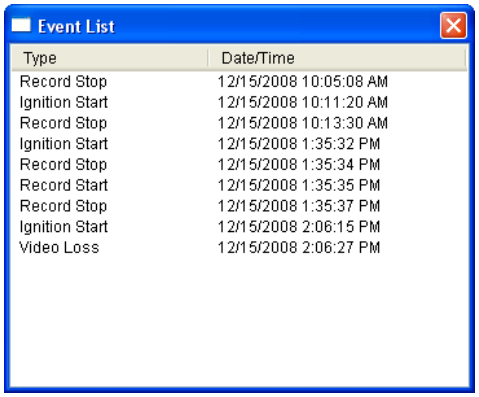
The Event list items are identified by the event type and date/time. Event items include Ignition Start, Ignition Stop, Record Stop, and Unknown Event. The Event list is sorted by date/time in chronological order from the earliest file to the most recent file.

Quick Tip
Click on View menu > Event or Ctrl+E.

To play back an event from the Event List:

1. Click on the **View** menu, and click on Event List.

   The Event List appears.


Event List
Type
Date/Time
Record Stop 12/15/2008 10:05:08 AM
Ignition Start 12/15/2008 10:11:20 AM
Record Stop 12/15/2008 10:13:30 AM
Ignition Start 12/15/2008 1:35:32 PM
Record Stop 12/15/2008 1:35:34 PM
Record Start 12/15/2008 1:35:35 PM
Record Stop 12/15/2008 1:35:37 PM
Ignition Start 12/15/2008 2:06:15 PM
Video Loss 12/15/2008 2:06:27 PM

2. Click on the desired file, and click on to start playback of the video clip.

   The playlist will play back as a single continuous stream of video.

3. Click on to speed the play forward from 1× to 2×, 4×, 8×, 16×, 32× the normal speed. Click on to decrease the speed.

   The playback speed is shown in the status bar.

To play back video one frame at a time:

1. Click to pause the video.
2. With playback paused, each time you click on , the video advances by one frame.

To reverse playback of recorded video from the event list:

1. Click on the desired file, and click on to start playback of the video clip.
2. Click on to start reverse playback.
3. Click on to speed up the reverse playback from 1× to 2×, 4×, 8×, 16×, 32× the normal speed.

   The playback speed is shown in the status bar.

To reverse playback video one frame at a time:

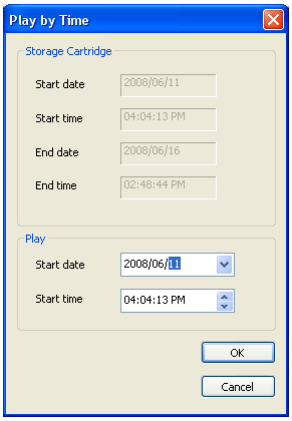
1. Click on to pause the video.
2. With playback paused, every time you click on , the video reverses by one frame.

3.2.4. Search by Time and Date

In order to play back video by time, the media cartridge must be open, and no application must currently be playing.

1. Click on the **Play by Time** icon.

   The Play by Time window appears.



2. In the Start date list, click the arrow to display a monthly calendar.
3. Select a day and month or click on the year, month, and date in the Start date box, and type the date.

4. In the Start time list, click on the arrow to select a time or click on the time, and type the hour, minute, and second.
5. Click **OK**.

   Playback starts at the selected start and date time.
6. Click **Cancel** to stop.

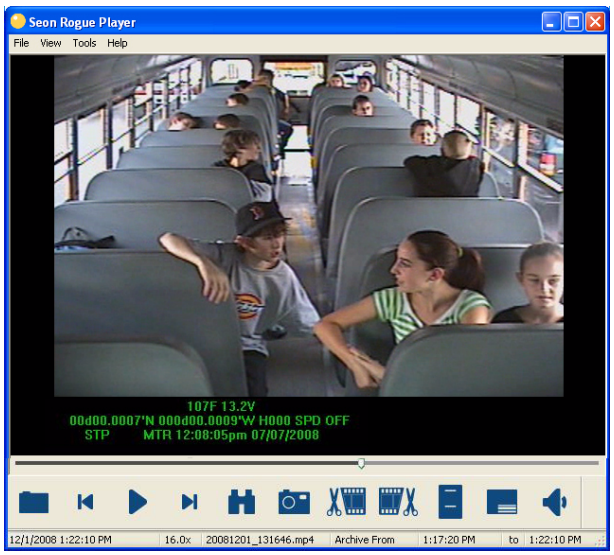
3.3. Archiving Video and Data Files

Rogue Player software provides the following options for archiving audio/video to your computer's disk.

- Archive individual audio/video channels to AVI files. The archived files can be viewed in any standard media player.
- Save individual video images to .jpg or .bmp files.

To archive audio/video to your computer's disk:

1. Use the video playback or search controls to view the start date and time of the video you want to archive.
2. Locate in **Play** mode, and click **Pause**.

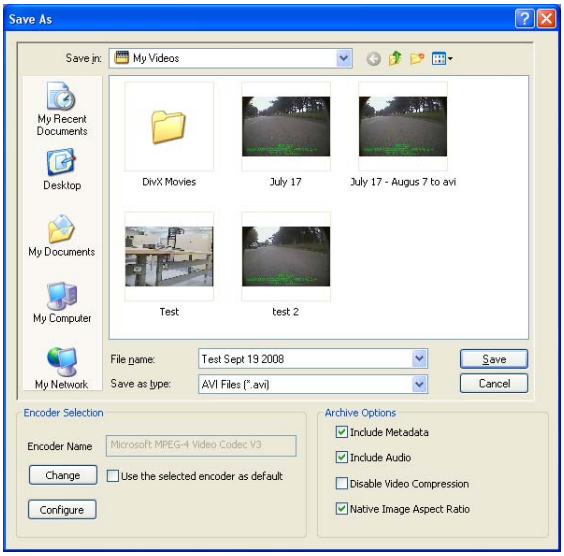


3. Click to set the start point of the archive clip.
4. Locate the end of the video you want to archive in **Play** mode, and click **Pause**.
5. Click to set the end point of the archive clip.

   Archive From start and stop times appear in the status bar.
6. Click .

The Save As window appears.

7. Choose a directory where you want to save the archive file.



8. In the File name box, type a name for the file to be archived.

   The AVI file type appears automatically in the Save as type box. In the Encoder Selection area, the selected encoder appears greyed out. In the Archive Options, all the checkboxes are selected.

9. Select or clear the **Archive Option** checkboxes.
   - Include Metadata (displays the text overlay)
   - Include Audio

Important: If video compression is disabled, the file size will be substantially increased and image quality improves, depending on the frame rate (FPS) and picture resolution.

   - Disable Video Compression
     - If the checkbox is selected, the Encoder Selection options are not available.
     - If the checkbox is cleared, the Encoder Selection becomes active. Click the **Change** button to display the Archiving Encoder Selection list. Select one from the list and click **OK** or click **Cancel**. Select **Use the selected encoder as default** check box to set as the default. Click **Configure** to change the settings for the encoder.
   - Native Image Aspect Ratio
     - If the checkbox is selected, the video retains its original recorded resolution.If the checkbox is cleared, the video is scaled. For example, a video clip recorded at 720 × 240 pixels will scale to 720 × 480 pixels.

Important: The 720 × 480 image may be less sharp than the 720 × 240.

10. Click **Save**.

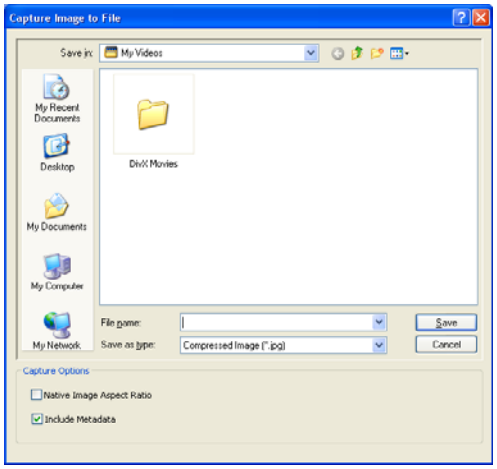
    A warning message will appear, asking for confirmation that No compression is selected, continue? The Archiving Media Completed progress bar appears.

11. Click **OK**.

3.4. Saving a Still Image

To save a still image:

1. During video playback, click **Pause**.
2. Click **Capture Still Image** to display the Capture Image to File window.



3. In the File name box, enter a file name.
4. Click on the Save as type arrow and select either .jpg (JPEG) or .bmp (bitmap) file format. JPEG files are commonly used for storing and sending photographs on the Internet. Bitmap files are usually not compressed and are generally not very well suited for transferring images on the Internet.

3.5. Help > Viewing the Software Version

Click on the **Help** menu to view About Rogue Player, which displays the software version as well as contact information for Seon Design.

Wtih the program open, click on the **Help** menu, and click on About Seon Rogue Player Software.

Seon Design Inc.
Unit 111, 3B Burbidge Street
Coquitlam, BC
Canada V3K 7B2

Telephone Toll Free Telephone	604.941.0880 1.877.630.7366
Fax Toll Free Fax	604.941.0870 1.866.664.3677
Email	sales@seon.com
Web site	www.seon.com

700-0065 R001

Printed in Canada